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35th Year

D. A. White & Sons

251-261 State Street
SALEM, OREGON

Feedmen and Seedmen
Poultry and Bee Supplies

1926 PRICE LIST

Wholesale and Retail

Farm, Field and Garden Seeds
Poultry Feeds, Sprays, Fertilizers, Etc.

Western Seeds for Western Growers

TESTED SEEDS

35th YEAR

THIS BUSINESS WAS ESTABLISHED IN 1891, 35 YEARS AGO, BY MR. DANIEL A. WHITE AND MR. O. C. BREWSTER, FATHER AND GRANDFATHER, OF THE PRESENT OWNERS HARLEY O. AND FLOYD M. WHITE.

STARTING WITH THE IDEA THAT STRICT HONESTY AND PROMPT SERVICE, COMBINED WITH THE BEST SEEDS AND MERCHANDISE OBTAINABLE, WOULD BUILD UP A BUSINESS, IT HAS GROWN TO ONE OF THE LARGEST SEED AND FEED STORES ON THE PACIFIC COAST.

THE FIRST STORE ROOM USED CONTAINED ABOUT 1000 SQUARE FEET.

THE FOUR LARGE BUILDINGS NOW USED CONTAIN OVER 40,000 SQUARE FEET.

BOTH MEMBERS OF THE PRESENT FIRM HAVE GROWN UP IN THE BUSINESS AND THEIR LONG YEARS OF EXPERIENCE ARE AT THE DISPOSAL OF THE CUSTOMERS AND FRIENDS OF THE FIRM AT ALL TIMES.

THE BUSINESS HAS GROWN FROM YEAR TO YEAR UNTIL THE LAST YEAR WAS THE BEST IN THE FIRMS HISTORY.

THE SAME HIGH IDEALS WILL BE FOLLOWED IN THE FUTURE AS IN THE PAST AND IT IS OUR HOPE THAT THE BUSINESS WILL CONTINUE TO GROW AS THIS GREAT PACIFIC COAST WILL CONTINUE TO GROW AND CONTINUE TO BE THE FINEST COUNTRY IN THE WORLD.

WE ASSURE YOU THAT YOUR BUSINESS IS APPRECIATED AND WE WILL CONTINUE TO DO EVERYTHING IN OUR POWER TO PLEASE YOU AND MAKE YOU ONE OF OUR MANY THOUSANDS, A SATISFIED CUSTOMER.

ONLY BY DOING SO CAN WE HOPE TO SUCCEED.

NOTICE

On account of the various market changes in prices, we quote subject to the following statement:

We guarantee that we will give full value for the money sent, whether the price at the time you order be higher or lower, or if the difference is very great, will notify you before shipment.

DISCLAIMER

D. A. White & Sons give no warranty, expressed or implied, as to the description, quality, productiveness, or any other matter of any seeds, bulbs or plants that they send out, and will not be in any way responsible for the crop.

Selected, Tested Vegetable Seeds

ARTICHOKE

Large Globe. The undeveloped flower heads, when properly cooked, make a delicious dish. Pkt., 10c.

ASPARAGUS

Washington. This is the new variety that has proven by government tests, possibly the finest asparagus grown. It is early, very tender and grows to a good size. For market gardeners, the best variety ever grown. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00, postpaid.

Palmetto. One of the best varieties. Quality, first class. Pkt., 10c; oz., 15c; lb., \$1.00, postpaid.

BEANS

Any variety at the following prices if not otherwise priced. Postpaid, pkt., 20c; lb., 35c; 10 lbs., \$2.75. Not Postpaid, pkt., 15c; lb., 30c; 10 lbs., \$2.50.

DWARF OR BUSH, GREEN PODDED

Stringless Green Pod. The most popular variety on the market for home garden or the market. Fine for canning. Very prolific. Lb., 25c, not postpaid.

Refugee. An old standard variety. Fine for canning, home or market.

Red Valentine. A well-known variety that produces a large crop.

WAX PODDED BUSH BEANS

Davis White Wax. Rustless and very productive. Long yellow pods that can be used for canning, home or market.

Golden Wax. One of the most popular garden varieties. Pods are long and a beautiful golden yellow, crisp and tender.

Improved Black Wax. The earliest of all wax beans. Excellent quality and very productive.

POLE BEANS, GREEN AND WAX PODDED

Kentucky Wonder. The most popular pole bean grown. A heavy producer and lasts until frost time. Pods are very long, fleshy and deeply creased. Green in color and stringless. Lb., 25c, not postpaid.

Kentucky Wonder Wax. Similar to the above, but long yellow pods.

White Crease Back. Long slender pods, crisp and tender. Fine for pickles, canning and table.

Scarlet Runner. The well-known, old fashioned climber. Bright, scarlet flowers. Oz., 5c; lb., 50c.

Castor Beans. Used for medicinal purposes and by some claimed to keep moles away from gardens. Very ornamental. Postpaid, oz., 10c; lb., 75c.

FIELD BEANS

Lady Washington. This has proven the best bean for this valley as it is early and matures all at one time. Postpaid, lb., 25c; 10 lbs., \$2.50; not postpaid, lb., 15c.

Navy Beans. Have some choice, local grown stock that ripen early and yield well. Postpaid, lb., 25c; not postpaid, lb., 15c. Quantity lots, write for prices.

LIMA BEANS

Burpee's Bush Lima. This is the favorite bush variety and is used both as a green shelled bean and a dry bean. Lb., postpaid, 50c; Not postpaid, 40c, lb.

Large Pole Lima. A very heavy yielding bean. Lb., postpaid, 50c; not postpaid, lb., 40c.

BEETS, TABLE VARIETIES

Any variety at the following prices: Postpaid, pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.00.

Improved Blood Turnip. A fine table variety. Turnip shaped with deep red flesh.

Detroit Dark Red. Globe shaped, bright, rich, red flesh. Fine for market or table.

Extra Early Egyptian. Very popular variety. Bright red with clear vermillion flesh.

Early Eclipse. Globe shaped. Flesh deep crimson, zoned with pink.

Early Wonder. This has proven a very popular variety and especially so with market gardeners. It is of the globe type and has a rich color.

SWISS CHARD

Lucullus. The finest variety. Cultivated for its stalks and leaves which are prepared and served like asparagus. Also, becoming very popular for greens for poultry as it is more productive than kale. Pkt., 10c; oz., 15c; lb., \$1.25, postpaid.

MANGEL WURZEL, SUGAR AND STOCK BEETS

Any variety at the following prices: Postpaid, oz., 10c; $\frac{1}{2}$ lb., 25c; lb., 50c; 10 lbs., \$4.50

Mammoth Long Red. One of the finest varieties grown. Grows very large.

Golden Tankard. A heavy producer and good for heavy soils.

New Mangel Half Sugar. Becoming very popular as it is sweeter than a regular mangel. Makes fine feed.

Danish Sludstop. Long, reddish yellow, grows well above the ground and easy to pull. Very productive and excellent quality.

Sugar Beets (True Stock.) Flesh, white and tender, fine for table, also excellent stock feed.

BIRD SEEDS AND SUPPLIES

Seeds are all recleaned and first class quality. Can supply Canary, Hemp, Millet, and Bird Rape.

Roller Bird Seed.....	Pkg. 25c; postpaid, 35c.
Canary.....	Lb. 20c; postpaid, 30c.
Hemp.....	Lb. 15c; postpaid, 25c.
Bird Rape.....	Lb. 15c; postpaid, 25c.
Millet.....	Lb. 15c; postpaid, 25c.
Sunflower.....	Lb. 15c; postpaid, 25c.
Bird Gravel.....	Pkg. 15c; postpaid, 25c.
Bird Manna.....	Pkg. 15c; postpaid, 20c.
Cuttle Bone, large pieces,	Oz. 10c, postpaid.

BROCCOLI

Western Oregon is now producing the finest broccoli grown in America. A fine market has been secured throughout the East and it has proven a very profitable crop.

St. Valentine. This variety has proven to be the only variety to grow. Producing the finest heads, immense size and excellent quality. Pkt., 10c; $\frac{1}{4}$ oz., 35c; oz., \$1.00.

BRUSSELS SPROUTS

Dwarf Improved. Very hardy and producing compact sprouts of large size and good quality. Pkt., 10c; oz., 25c.

CABBAGE

All at the uniform price of, Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50, postpaid.

EARLY VARIETIES

Early Jersey Wakefield. An old favorite, sharp, conical head. Sown both fall and spring.

Charleston Wakefield. The best known early variety. Medium sized conical head. The favorite market variety.

Early Dwarf Flat Dutch. This is the favorite early, flat headed variety. Very productive.

MEDIUM AND LATE VARIETIES

Danish Ball Head. The finest late variety grown, either for market or home garden. Firm, solid heads, medium sized, round and very solid.

Late Flat Dutch. The favorite large late variety.

Late Drumhead. Has no superior for family or market in the large varieties.

Sure Head. The surest cropper of the late varieties. Large solid head.

WONG BOK

Chinese Cabbage. This Chinese Cabbage is becoming more popular each year. While it has been cultivated in China for years, it is comparatively unknown in many markets. Wong Bok produces a beautiful, crisp, blanched tall or long head, resembling a giant Cos Lettuce. As a salad it rivals the finest lettuce. Delicious sliced as cold-slaw. Boiled or steamed it makes delightful greens, more sprouts. Don't plant too early, grow it as a fall vegetable. Plant like late cabbage, about 15 inches apart, in rows. Does its best in cool, moist weather. Will last until freezing weather. Pkt., 10c; Oz., 40c.

CAULIFLOWER

Price, postpaid, pkt., 10c; oz., \$1.25

Early Snowball. The most popular variety grown of the early sorts. Quality first class and good size.

Large Algiers. A valuable late variety, sure to head, of the best quality.

COLLARDS

Georgia. This variety is the old time favorite. Is very hardy. Pkt., 10c; oz., 15c.

CARROTS

All at the uniform price of: Pkt., 5c; oz., 15c; ~~1/2 lb.~~, 25c; lb., 75c, postpaid. Except as noted.

Chantenay. The finest variety for the market or home garden. Smooth and tender. Deep orange color.

Danvers Half Long. The smooth handsome roots are orange color and medium length. A heavy cropper and make fine feed.

Ox Heart. A thick carrot, five or six inches long and very blunt at the lower end. Orange color.

Long Orange. Grows to a large size. Best adapted to sandy or loose soil. A favorite for stock feeding.

Large White Belgian. Grown for stock feeding. Very productive. Easily pulled.

Large Yellow Belgian. One of the best carrots for stock feeding. Grows large and very productive.

Coreless. The finest early table variety grown. Handsome, meltingly tender and sweet. It is a half-long cylindrical carrot, blunt pointed, with a small tap root and small top. They run very uniform in shape and grow just the right size for table use. The flesh is of fine texture, entirely devoid of stringiness, coarseness and woody heart; color orange-scarlet, very attractive, delicious and sweet flavored when cooked. Pkt., 10c; oz., 20c; 4 oz., 60c; lb., \$1.50

CELERY

White Plume. The leading white celery. A handsome, crisp sort, of very easy cultivation. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00, postpaid.

Golden Self Blanching. The best celery for early market or home garden of the yellow meated kinds. Easily blanched. Pkt., 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.25, postpaid.

CRESS

Curled or Pepper Grass. Used as a salad dressing. Pkt. 10c; oz. 15c, postpaid.

Water Cress. Thrives only when the roots or stems are submerged in water. Leaves used as a salad. Pkt. 10c; oz. 50c.

CORN==Sweet or Table Varieties

Uniform price of: pkt. 15c; lb. 35c; 10 lbs. \$2.50, postpaid. Pkt. 15c; lb. 25c; 10 lbs. \$2.25, not postpaid.

Golden Bantam. One of the finest sweet corns grown. Very early, tender and extra sweet. Golden in color.

Early Minnesota. The favorite extra white variety. Fine for canning.

Howling Mob. A favorite of the market gardens. Extra early white corn of finest quality.

Early Evergreen. Follows the early varieties and is an excellent corn.

Golden West or Improved Golden Bantam. This is larger than the regular Golden Bantam while retaining all the sweetness and value of the regular strain. Our stock is grown especially for us and is extra fine.

Stowells Evergreen. This is the most popular and best main crop sweet corn grown. Excellent quality and lasts until killed by frost. Very productive. Makes fine fodder and ensilage.

Portland Market. An extra early variety with a good sized ear. A great favorite for the market and home use.

Golden Giant. This is new yellow meated Sweet Corn and is the second year that it has been offered on the market. It is a cross between Golden Bantam and Evergreen and retains the sweetness of the Bantum with the Evergreen qualities. Produces a large ear of extra sweet corn.

FIELD CORN

EXTRA, FANCY, SELECTED STOCK

We make a specialty of Field corn and offer you the finest varieties for this coast. Uniform price of: lb. 20c; 10 lbs. \$1.25; 25 lbs. \$2.75, postpaid. Not postpaid, lb. 10c; 10 lbs. 85c; 100 lbs., Market price.

Pride of Oregon. This is the best quality of Oregon grown corn and well selected. Ears are long, well filled with deep yellow kernels. Makes a fine silo corn, as it grows to a good size as well as being early.

Minnesota No. 13, Yellow Dent. This variety is a favorite of many dairymen as an ensilage corn. A heavy producer.

Leaning, Yellow Dent. One of the most popular ensilage corns as it is very productive.

Pride of the North, Yellow Dent. Grown here for many years as a silo corn and is a heavy producer.

White Pearl. A pure white corn. Used for silo.

Golden Glow. This is the corn that is winning all the prizes at the various corn shows and is an extra good variety for this valley. Our seed is Western grown.

POP CORN

White Rice. The best variety for this climate. Ripens early and is a good producer. Postpaid, lb. 25; not postpaid, 15c.

CUCUMBERS

Uniform price of, pkt, 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25, postpaid.

Early Short Green or Early Frame. An excellent small variety. Fine for pickles.

Chicago Pickling. The favorite pickling variety. Very prolific.

Improved White Spine. A large, long variety that is fine for table or pickles.

Improved Long Green. The old family favorite. Always good for all purposes.

Lemon Cucumber. This dainty little cucumber resembles a lemon both in form and color, having a distinctive flavor all its own. Pkt. 10c; oz. 20c.

ENDIVES

This is a hardy vegetable, cultivated principally for a winter salad. Sow from May until August, for a succession of crops; tie the leaves closely together to bleach them.

Green Curled. A standard sort for fall and winter. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c.

White Curled. A beautiful variety with curled, mossy leaves for early use. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 50c.

EGG PLANT

Black Beauty. An extra early, quick-growing, vigorous variety, handsome and very uniform. Color, deep blackish purple. Splendid market sort. Pkt. 10c; oz. 70c.

KALE

Dwarfed Green Curled. Leaves curled and a bright green. Pkt. 10c; oz. 15c.

Tall Scotch—Green Curled. Grows about two feet high, leaves dark green, curled and wrinkled; very hardy. Pkt. 10c; oz. 20c.

Thousand Headed. Grows very large. Used mostly for stock feeding. Pkt. 10c; lb. 75c.; postpaid, 85c.

KOHL RABI

Early White. Best table variety. Pkt. 10c; oz. 25c.

LEEK

Large Rouen. The favorite variety. Pkt. 10c; oz. 25c.

LETTUCE

New York or Wonderful. The finest head lettuce grown. The immense heads are solid, heavy, beautifully bleached to a creamy white with bright green outer leaves. The quality is unsurpassed, being tender, crisp and sweet. Used by all market gardeners. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

The following varieties at the uniform price of pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c, postpaid.

Hanson. An old standard variety that produces a fine head. White meated, crisp and tender.

Early Prizehead. A brown tinged leaved head lettuce that is a great favorite.

Early Curled Simpson. The leading curly variety, extra crisp and tender.

May King. The leading butter lettuce. Rich and tender.

Brown Dutch. The leading brown variety. Forms a large, solid head, sweet, tender and good flavor.

Grand Rapids. This is used for forcing mostly, but some like it as it is very early, for outdoor planting.

Big Boston. A very large, loose headed variety, often called a butter lettuce on account of the color.

Chicken Lettuce. Just the thing for Poultry Men. This Lettuce yields an immense amount of chicken or rabbit feed. It does not form a head but sends up stalks three or four feet high and when cut it immediately starts to grow again. The leaves can be pulled off the stem like kale. Loaded with leaves. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.35.

MUSK MELON

Price, postpaid, pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c.

Large Yellow Cantaloupe. The flesh is light, yellowish green, very sweet, crisp and delicious.

Burrel Gem. The favorite market variety. Light green flesh which is very deep and delicious.

Honey Dew. This is the new melon that has proven a great success. The fruit is large, green fleshed and delicious flavor. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50.

Rocky Ford or Netted Gem. The fruit is oval, slightly ribbed, densely covered with coarse netting. Green fleshed. Fine for the market.

Green Nutmeg. An extra early variety that is fine for the home garden. Flesh green, fine and sweet.

Casaba. An excellent melon with very thick flesh.

WATER MELON

Prices, pkt, 5c; oz. 10c; $\frac{1}{4}$ lb. 30c.

Early Fordhook. The best early melon for this valley for home use.

Sweet Heart. An excellent melon and a good shipper for the market.

Ice Cream. An old favorite that every one likes.

Tom Watson. A long melon that is fine for home garden or market.

Kleekly's Sweet. One of the favorites melons for this valley.

CITRON

Used for preserves. Pkt. 10c; oz. 20c.

ONIONS

Write for Special Prices on large orders.

Oregon Yellow Danvers. A standard market variety developed in Oregon. A half globe shape with small neck. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb \$1.25, postpaid.

Yellow Globe Danvers. A handsome globe shaped variety that commands the top price on the market. Now the principal onion grown here for the market. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00, postpaid.

White Globe. A pure white, globe shaped variety. Flesh hard with wax like pearl flesh. Used a great deal as a green onion for the market by gardeners. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00, postpaid.

White Portugal or Silverskin. Skin and flesh, pure white, mild and flat shape. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00, postpaid.

ONION SETS

Bottom Onion Sets. Small onions grown from seed. Used mostly for green onions, but if left stand usually make large onions. Postpaid, lb. 25c.

Top Sets or Multipliers. So called winter onions as they grow all winter and are ready to use very early in the spring. Lb. 30c, postpaid. Write for prices on large lots.

PARSLEY

Double Curled. Very hardy and easy to grow. Used for flavoring and garnishing. Pkt. 10c; oz. 15c.

Hamburg or Turnip Rooted. A plain leafed variety forming a long thick edible root Pkt. 10c; oz. 15c.

PARSNIP

Hollow Crown. Roots white, very tender, with smooth skin. Pkt. 5c; oz. 15c; lb. 90c, postpaid.

GARDEN PEAS

Any variety at the following prices: Postpaid, pkt. 15c; lb. 40c; 10 lbs. \$2.75. Not postpaid, pkt. 15c; lb. 30c; 10 lbs. \$2.50.

Blue Bantam. One of the fine early varieties on the market. Grows about 15 inches high, very productive, large podded and sweet.

American Wonder. The most popular early variety grown. A great favorite for home gardeners.

Premium or Little Gem. An old standby of excellent quality.

Alaska. Extra early and hardy. May be planted in the fall in this valley and will produce a very large crop early in the spring. Fine for early market.

Gradus. Without doubt the most popular pea for the early market or home garden. Pods are extra large and well filled with large sweet peas.

Notts Excelsior. A fine early dwarf pea. Pods are well filled with sweet tender peas.

Dwarf Telephone. The most popular second early variety now on the market and the finest, sweetest pea grown.

Tall Telephone. The best mid season variety and a great favorite. Grown by all the market gardeners and cannot be excelled for home use.

Stratagem. One of the best of the large podded sorts. The pods are of immense size and well filled with large sweet peas.

Yorkshire Hero. A favorite variety for the second crop. Peas are of excellent quality, sweet and tender. Grows about 30 inches high.

Laxtonian. This is the finest dwarf early pea offered today. The vines grow eighteen to twenty inches high and produce an enormous crop of dark green pods as large as Gradus, maturing a few days ahead of that variety.

Duke's Delight. A very dwarf, extra early, delicious pea of great merit. The strong, healthy vines grow about 12 to 34 inches in height. Very productive, sweet and excellent flavor.

Quite Content. This is the largest podded pea in existence. The vine attains a height of five to six feet. The pods are truly gigantic in size, measuring from five to six inches in length.

PUMPKIN

Any variety at the following prices except as noted: Pkt. 10c; oz. 15c; lb. \$1.00, postpaid.

Winter Luxury. The most popular pie pumpkin. Medium size, color golden russet, finely netted flesh.

Sweet or Sugar. A fine grained variety that makes dandy pies. Skin, orange; flesh, deep yellow. Very sweet.

Golden Cushaw. One of the finest cooking varieties.

Large Yellow. Large, round, deep glossy yellow. Grown mostly for stock feeding. Postpaid, oz. 10c; lb. 75c.

King of Mammoths. Grows to an enormous size. Very productive. Used for feed. Postpaid, oz. 15c; lb. 85c.

Connecticut Field. Popular for field culture and excellent for stock. Pkt. 5c; oz. 15c; lb. 85c, postpaid.

PEPPER

Pkt. 10c; oz. 35c, postpaid.

Ruby King. Very large, sweet and mild. Bright scarlet.

Large Bell. Large, mild and thick fleshed. One of the best for stuffed pickles.

Chili. Pods are small and pointed. A hot one.

Pimento. A sweet pepper with a wonderful mild flavor.

Cayenne. Medium long, narrow, pointed, red pods. Very hot.

RADISH

Any variety at the following prices: Postpaid, pkt. 5c; oz. 10c. $\frac{1}{4}$ lb. 30c.

Early Scarlet Globe. A popular variety owing to its quick growth and fine scarlet color.

Early Scarlet Turnip or Rosy Gem. Used more than any other early variety. Color bright rose carmine with white tip. Globe shaped.

White Icicle. The most popular radish on the market. A handsome, white variety, growing about five inches long. Quick growing, crisp and mild flavor.

Long Scarlet, Short Top. A dandy radish. Color, bright carmine; flesh firm, about six inches long. Fine for market.

Brightest Long Scarlet. A very showy, long scarlet radish with white tip.

French Breakfast. A popular variety for market or forcing; it is about two inches long, stumprooted, bright rose color with white tip.

WINTER RADISHES

China Rose Winter. Bright rose color; flesh white and firm.

Mammoth White China. Roots are from ten to twelve inches long, solid, crisp and tender.

Long Black Spanish. Flesh, white; one of the latest and hardest.

RHUBARB

Victoria or Mammoth. Very large, finest cooking variety. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c, postpaid.

SUNFLOWER

Mammoth Russian. The favorite variety. Grown for ensilage, feed, etc. Lb. 15c; postpaid, 25c.

SQUASH

Mammoth Summer Crookneck. Flesh tender and good quality. Pkt. 10c; oz. 15c; lb. \$1.25.

Mammoth White Bush Scallop. The best summer sort for the market. Pkt. 10c; oz. 15c; lb. \$1.25.

Hubbard. The best seller and most popular squash; keeps through the winter. Pkt. 10c; oz. 15c; lb. \$1.25.

Golden Hubbard. The same size, shape and quality as the well known Hubbard squash, except that it is a bright red or golden color, and somewhat earlier; it is also a long keeper, vigorous and wonderfully productive; in flavor it has no equal. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 60c; lb. \$1.50.

Banana Squash. This is a long squash that cooks up very fine with a wonderful flavor. Does extra well in this climate. Pkt. 10c; oz. 15c; lb. \$1.50.

SALSIFY OR VEGETABLE OYSTER

Mammoth Sandwich Island. The leading tender variety. Produces a large crop of straight smooth roots. Pkt. 10c; oz. 20c.

SPINACH

Any variety at the following prices: Pkt. 10c; $\frac{1}{4}$ lb. 25c; lb. 60c, postpaid.

Savoy. Leaves large, round and thick. One of the earliest sorts.

Prickly Winter. Hardiest variety. Must be sown in the fall. Leaves long, pointed and thick.

Long Standing. An improved variety for general use. Remains in edible condition over long period, as it is slow to go to seed.

New Zealand. Unlike true spinach in type and in that it thrives during hot weather and in any soil, rich or poor. The tender shoots are of good quality and may be cut throughout the summer. The plant becomes quite large and spreading. The leaves are comparatively small, broad and pointed. Germination of the seed can be hastened by soaking in warm water twenty-four hours. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

King of Denmark. This variety will, in time, replace all other varieties for spring planting. It is very slow to go to seed, continuing to grow and hold its fine qualities long after other varieties are gone. Early and excellent quality. Oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 75c, postpaid.

TOMATOES

Bonny Best. Highly prized by many Oregon growers. Tomatoes large, smooth and of a rich scarlet red, the color that sells quickly. Fruit thick with a small core, a profitable tomato for any purpose. Slices exceptionally well. Flesh and flavor excellent. Nearly globe shaped, slightly flattened at stem. Pkt. 10c; oz. 35c.

The New Burbank. This great tomato has proven a wonderful success. The tomato is large, smooth bright red, and solid meat and a wonderful producer. Pkt. 10c.

Chalks' Jewel. An early variety that is well adapted for this climate as it is extra early and bears throughout the season. **Pkt. 10c; oz. 35c.**

Sparks' Earliana. Large, smooth and early; beautiful red color. **Pkt. 10c; oz. 30c.**

Red Cherry. Fruit small and globe shaped. Fine for preserves. **Pkt. 10c.**

Husk or Ground Cherry. Used for preserves. **Pkt. 10c.**

John Baer. An early, bright scarlet tomato that does exceedingly well here. Large, smooth and fine color. Thick meated. **Pkt. 10c; oz. 35.**

TOBACCO

Connecticut Seed Leaf. Best adapted for general use. **Pkt. 10c.**

Havana. Preferred by many. **Pkt. 10c.**

TURNIPS

Any variety at the following prices: **Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 60c.**

White Egg. Is excellent flavor, clear white, sweet and mild.

Early Purple Top, Strap Leaved. Flat in shape. The leading white variety; one of the best for all purposes.

Purple Top, White Globe. The favorite variety. Excellent quality.

Yellow Aberdeen. Round, medium size, light yellow.

Cow Corn. Grows half out of the ground and is a rapid grower. Immense yielder.

RUTA BAGA

Same price as Turnips.

American Purple Top. Grows to a large size and produces an immense crop.

Sweet Russian. Most excellent for table and stock. Sweet and rich.

VEGETABLE PLANTS AND ROOTS

We handle the output of several large growers and can furnish fine transplanted plants during the season.

Transplanted plants are much stronger and better rooted and do far better than ordinary plants sold on the market.

We do not name the various named varieties that we handle, as it varies with the seasons, but will be glad to send you a list at any time when you are ready to plant.

For those wanting large lots, write for special prices, stating quantity wanted.

During the season, we handle Cabbage, Tomato, Cauliflower, Kale, Brocoli, Pepper, and various other garden plants and would be glad to quote prices at any time.

Rhubarb Roots. Good strong roots at **10c each; 6 for 50c; postpaid, 15c each; 6 for 65c.**

ASPARAGUS ROOTS. One year old plants, good and strong. **Doz. 25c; postpaid, doz. 35c; 100 for \$1.25, by freight or express collect.**

SEED POTATOES

Write for prices

Burbanks. One of the best varieties grown in the Northwest and a favorite market variety.

Netted Gem. Becoming a very popular variety and is a fine potato in every way. A heavy yielder.

Earliest of All. Without doubt, the earliest variety on the market. White in color and cooks fine.

Early Rose. A favorite variety and well known for many years.

FLOWER SEEDS

THE "SPENCER" TYPE OF SWEET PEAS

Special Re-Selected Stock for 1926

By reason of their increased size, waved or fluted appearances and charming blendings of harmonious colors, the new "Spencer" type may be appropriately described as Truly Gigantic "Orchid Flowered." The flowers are not only of extremely large size, and attractively waved or crinkled, but are distinct also in having the outer edges of the standard and wings serrated. The standard is broad and tall; the wings are broad, well spread and generally held erect by the keel.

NEW SPENCER SWEET PEAS FOR 1926

The following varieties are all new varieties and offered for the first time this year. Something extra fine.

Giant Attraction. A beautiful Fawn pink with cream back ground. Pkt. 15c; oz. 50c.

Doreen. A wonderful bright Carmine. Pkt. 15c. oz. 50c.

Miss California. A dandy shade of Orange-Salmon on cream pink. Pkt. 15c. oz. 50c.

Bridesmaid. A rich Salmon-pink on creamy back ground. Pkt. 15c. oz. 50c.

Crimson King. A deep blood red. Very attractive. Pck 15c. oz. 50c.

Camp Fire. The finest Scarlet grown, sun proof. Pkt. 15c. oz. 50c.

Austin Frederich. A wonderful Lavendar. Said to be the finest grown. Pkt. 15c. oz. 50c.

The Sultan. Glossy, black maroon. Pkt. 15c; oz. 50c.

Glorisa. A brilliant Scarlet-Orange. A distinct shade that is a beauty. Pkt. 15c; oz. 50c.

Youth. White with margin of pink. Picoote. Very attractive. Pkt. 15c; oz. 50c.

Giant Lavendar. The largest lavender grown. Fine for cut flowers. Pkt. 15c; oz. 50c.

THE FAVORITIES OF 1925

White Spencer. A pure white flower of enormous size, beautifully fluted and crinkled. Of splendid substance. Pkt. 10c; oz. 35c.

King Scarlet Spencer. Bright crimson scarlet, largest size, wavy standards. Very long stems, the finest bright scarlet. Pkt. 10c; oz. 35c.

Mrs. Hugh Dickinson. A beautiful combination of Buff, Apricot and Rose. Pkt. 10c; oz. 35c.

Elfreda Pearson Spencer. Light pink or white, shaded and edged. Pkt. 10c; oz. 35c.

Florence Morse Spencer. White and blush pink edge. Pkt. 10c; oz. 35c.

Helen Lewis. A beautiful orange pink. One of the finest Spencers. Bright orange standard. Pkt. 10c; oz. 35c.

Margaret Atlee. The Spencer Supreme. Margaret Atlee is a rose-salmon pink, on a creamy rich buff ground, soft color and extremely attractive, both as individual flowers and in the bunch. The standard is large and wavy, and inclined to double under favorably conditions. Pkt. 10c; oz. 35c.

Countess Spencer. Pink. Flowers extremely large, beautifully expanded, crumpled and waved. Color silvery white, suffused with soft shell pink, deeper at the outer edges. Pkt. 10c; oz. 35c.

Primrose Spencer. Color, true primrose. Very vigorous, free flowering, excels in beauty of form, length of stem and keeping quality. Pkt. 10c; oz. 35c.

Decorator. This great sweet pea is a wonderful shade of old rose and orange combination. Pkt. 10c; oz. 35c.

Florence Morse. A beautiful white and blush pink. Pkt. 10c; oz. 35c.

R. F. Felton. An extra large lavender and very rich color. Said to be the finest of all the lavenders. Pkt. 10c; oz. 35c.

Maroon. The deepest of all the red or scarlet varieties. Pkt. 10c; oz. 35c.

Royal Purple. The nearest true purple sweet pea grown. Often called Elk's Purple. Very rich color. Pkt. 10c; oz. 35c.

Wedgewood. A beautiful silvery blue sweet pea. Pkt. 10c; oz. 35c.

Illuminator. Possibly the most popular and finest sweet pea grown. A wonderful Salmon orange color. Pkt. 10c; oz. 35c.

Dobbie's Cream. The truest cream colored sweet pea on the market. Grows extra large. Pkt. 10c; oz. 35c.

Jean Ireland. A beautiful creamy buff, edged with carmine. Very novel effect. Pkt. 10c; oz. 35c.

Blanche Ferry. The finest of the shaded pink and white varieties. An old favorite. Pkt. 10c. ; oz. 35c.

Our Superb Mixture. True Spencers only. A splendid mixture, carefully proportioned and blended to produce pleasing and harmonious combinations of color, containing the most beautiful shades and varieties of the wonderful Spencer type. These are not seedlings, but carefully selected named varieties that retain all their purity and brilliancy of color. Pkt. 10c; oz. 25c; lb. \$2.50.

NASTURTIUM

Fancy Climbing Varieties. A fine selection of the different climbing varieties in assorted colors all mixed together. **Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.50, postpaid.**

Fancy Dwarf Nasturtiums. A fine mixture of choice varieties and colors. **Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.50, postpaid.**

FLOWER SEEDS

We carry a fine selection of all the leading varieties of flower seeds. Just order whatever variety you want and we will send it promptly.

All the varieties with a few exceptions are **10c per pkg., postpaid.** On account of lack of space in catalogue we do not find it profitable to catalogue a flower list but we carry a very large stock.

LAWN GRASSES

FANCY LAWN GRASS

In our Fancy Mixed Lawn Grass Seed we have the proper proportions of the various grasses that go to make a beautiful lawn.

The seeds that go into this mixture are all tested and recleaned in first-class shape and are the best quality on the market. **Price, per lb. 60c; postpaid, 70c. lb.**

SHADY NOOK LAWN GRASS

This is a mixture that has been selected to grow in shady places and gives the best of results. All seeds are of the best quality that are used in this mixture and make a nice velvety lawn. **Per lb. 60c; postpaid, 70c lb.**

CREEPING BENT GRASS

We have some seed of this great lawn grass that is imported from Europe. Makes a wonderful lawn. **Price, per lb. \$1.25; postpaid, \$1.35.**

MEADOW FESCUE

This makes a very nice lawn and is very hardy and makes a good sod. Our seed is extra good quality. **Lb. 35c; 10lbs. \$3.25. Postage extra.**

CHEWINGS FESCUE

This makes a wonderful sod and is used in shady places and under trees, etc. Makes a very fine lawn either alone or with other grasses. **Lb. 65c; postpaid, 75c.**

FANCY WHITE CLOVER

We handle only the finest white clover on the market. We have a very large trade on this seed and import direct from Europe, where the finest seed is grown. **Lb. 65c; postpaid, 75c. Special prices on large lots.**

FIELD SEEDS

The following prices are the market prices of today and are subject to market changes. When ready to buy, write us for prices, stating quantity wanted and we will quote you the market price at that time. Or, send in your order based on the following prices and we will guarantee that we will give you full value for money sent, whether the price at the time you order be higher or lower, or if the difference is very great, we will notify you before shipping.

We make a specialty of High Grade, Recleaned, Tested Seeds and Grains and we believe that the quality we are offering is the best that can be obtained on the market.

If wanted by parcel post, add regular parcel post rates, according to zone distance from Salem.

Quantity prices are as follows: **1 to 9 lbs. at 1b. price; 10 to 24 lbs. as 10 lb. price; 25 to 49 lbs. at 25 lb. price; 50 lbs. or more at 100 lb. price.**

The following prices are F. O. B. Salem, Oregon.

ALFALFA

Our domestic alfalfa is acclimated and is the highest grade of Northwest Seed. Price, lb. postpaid, 35c; not postpaid, lb. 30c; 10 lbs, \$2.85; 25 lbs. \$6.75; 100 lbs. \$25.00.

GRIMM ALFALFA

State Certified Seed

Grimm alfalfa is the hardiest alfalfa known. It seems to thrive and make a good crop where other varieties are a failure. Oregon Experiment Station recommend it very highly for the Northwest.

Our seed is certified which is the safest to buy as you know that you are getting pure Grimm Alfalfa as on account of the difference in price, many mixed lots have been sold as Grimm which possibly only contained a trace of Grimm. Price, per lb., postpaid, 60c; not postpaid, lb. 50c; 50 lb. lots or more at 48c per lb.

NO=O=GEN

ALWAYS USE NOD-O-GEN OR NITRAGIN WHEN SOWING ALFALFA

It increases your chance of a good stand many times and costs very little to use. Pure Cultures are obtainable, fresh and live at all times, for each of the following crops:

Alfalfa	Japan Clover	Soy Beans	Garden Beans
Sweet Clover	Winter Vetch	Field Peas	Garden Peas
Common Clovers	Spring Vetch	Cow Peas	Sweet Peas.

Each bottle of Nod-o-gen will inoculate the kinds of seed listed on the label. Be sure to get the right kind for your seed. Prices: Culture for 60 lbs. of seed, \$1.00; Culture for 30 lbs. of seed, 60c.

NITRAGIN

The original soil inoculator. Increases your yield and enriches your soil. Send for circular. Prepared for all legume crops. $\frac{1}{4}$ bu. size, 40c; $\frac{1}{2}$ bu. size, 60c; 1 bu. size, \$1.00; 5 bu. size, \$4.75; garden size, 20c; postpaid, 25c. State crop wanted for.

RED CLOVER

Extra Fancy Quality

We are in a position to offer you the finest Western grown Red Clover that is obtainable on the market, located in the heart of the growing section, we select the finest lots for our retail trade.

Red clover is the standard clover for all purposes. Hardy and thrives well on nearly all land. Makes superior hay or pasture. Price, postpaid, lb. 40c; Fancy, not postpaid, lb. 35c; 25 lb. lots at 34c per lb.; 50 lbs. or more at 32c. per lb.

MAMMOTH RED CLOVER

This is an extra large growing clover, very similar to the regular red clover only growing larger. Lb. postpaid, 50c; not postpaid, lb. 40c; 25 lb. lots at 39c. per lb.; 50 lb. lots at 38c. per lb.

ALSIKE CLOVER

Fancy Quality

Excellent for hay and pasture. Grows on land too wet for other clovers. Price, per lb postpaid, 45c; not postpaid, lb. 35c; 25 lb. lots at 34c per lb; 50 lb. lots or more at 32c per lb. Choice quality, 25 lb. lots at 32c per lb; 50 lb. lots at 30c per lb.

SWEET CLOVER, White Blossom

This clover is being tested on various lands of the Northwest and has proven in most tests, very successful. It makes a great pasture and is the best soil builder of all the clovers. Makes a wonderful bee feed. Price, postpaid, lb. 30c; not postpaid, lb. 25c; 25 lb lots. at 22c per lb; 50 lb. lots at 20c per lb.

CRIMSON CLOVER

Highly recommended for pasture and fertilizing purposes. A thrifty annual growing from 20 to 30 inches high. **Price, per lb. postpaid, 30c. Write for quantity prices.**

DWARF ESSEX RAPE, Holland Grow

We have imported direct from Holland, some genuine Dwarf Essex Rape, and are now prepared to supply the genuine seed. **Postpaid, 10 lbs. \$2.00 in 10 lb. lots, not postpaid, \$1.50; larger lots, write for prices.**

HARDING GRASS

This is the wonderful new grass that was introduced from Africa, by J. A. Stanbaugh, about five years ago. It has proven a wonderful success. We have never found any grass that produces the pasture and feed of this grass. Sow one pound per acre broadcast without nurse crop of any kind on cultivated land, as soon as land can be well worked on the spring. Try this great grass.

Write for circular. Prices as follows: Postpaid and insured, lb. \$3.50; 25 lb. lots at \$3.00 per lb; 50 lbs or more at \$2.50 per lb.

Mesquite. This grass is very popular for sowing on rocky and hilly soil, on wet lands and as a pasture grass on logged-off and burnt over lands. Comes very early in both spring and fall and produces very heavy. Fancy seed. **Lb. postpaid, 35c; not postpaid, 1b. 25c; 25 lb. lots at 20c per lb; 50 lbs. or more at 18c per lb.**

Millet. On some lands that are sandy and warm, millet has been a productive crop. Used mostly for hay and poultry feeding when threshed. **Write for prices and varieties.**

GRASS SEEDS

English Rye Grass. Possibly the most popular grass grown in Western Oregon and Washington. Thrives well on all kinds of lands; used mostly for pasture but makes a good hay. Imported Seed. **Lb., postpaid, 25c; not postpaid, lb. 15c; 25 lbs. or more at 15c per lb. Write for quantity prices.**

Domestic Seed. A good grade of local grown seed. **Lb. postpaid, 20c; not postpaid lb. 15c; 25 lb lots at 12c; 50 lb lots or more at 10c per lb.**

Italian Rye Grass. Similar to the above variety but more adapted to wet lands. Imported Seed. **Lb. postpaid 25c; not postpaid, lb. 15c; 25 lb. lots or more at 15c per lb. Write for quantity prices.**

Orchard Grass. Possibly the most valuable of all the grasses for all kinds of land, especially hills. Makes a great pasture. **Lb. postpaid, 35c; not postpaid, lb. 25c; 25 lb. lots or more at 24c per lb. Write for quantity prices.**

Timothy. This is the most valuable of all grasses for hay. Thrives best on moist, loamy soil. **Lb. postpaid, 25c; not postpaid, lb. 15c; 25 lb. lots at 14c per lb. Write for quantity prices.**

Red Top. Fancy Hulled Seed. Used for pastures, especially valuable for wet land. Also makes a very good lawn. **Lb. postpaid, 60c; not postpaid, lb. 50c; 25 lb. or more at 45c per lb.**

Meadow Fescue. A hardy perennial grass. Used for pasture and also for lawns. **Lb. postpaid, 40c; not postpaid, lb. 35c; 25 lb. lots at 32½c per lb.**

PASTURE OR BURN MIXTURE

This is a mixture of Rye Grasses, Timothy, Mesquite, Clovers, etc., for pasture purposes. Good on burned and logged-off lands. **Lb. postpaid, 25c; not postpaid, 15c; 100 lbs. \$12.50.**

Low Land Pasture Mixture. A special mixture suitable for low and wet lands. **Lb. postpaid, 30c; not postpaid, 20c; 100 lbs. \$17.50.**

High Land Pasture Mixture. A mixture adapted for the hills and higher lands of western Oregon. **Lb. postpaid, 30c; not postpaid, 20c; 100 lbs. \$17.50.**

Sheep Fescue. Does well on dry, poor, shallow or sandy soils. **Lb. postpaid, 45c. Not postpaid, lb. 35c; 25 lb lots at 30c per lb.**

SEED GRAINS

Write for prices when in the market.

Recleaned Marquis Spring Wheat. The heaviest yielding spring wheat grown in the Northwest. Heads are beardless, chaff smooth and kernel dark amber in color. Very heavy and grades as hard wheat.

Huston or Grass Wheat. A spring wheat that is recommended by O. A. C. for planting in this valley as it is a good yielder and does well on nearly all kinds of land.

Kinney Wheat. An old standard wheat that has been grown for years here and always produces a good crop. May be sown either fall or spring.

Gray Oats. Sown both fall and early spring and the standard oat for this valley and western Washington and Oregon.

White Oats. Have some very choice seed oats of this well known variety, clean and fine quality.

Spring Rye. Makes a good crop sown in the spring.

Fall Rye. Always makes a crop and can be sown on poor land that will not raise other grain. Makes an abundance of pasture and green feed and also a fine cover crop for orchards and berries.

Hanchean Spring Barley. Usually does best on light land but is grown nearly everywhere.

Fall Barley. Barley is being planted in the fall and has proven very productive. The acreage has increased several hundred per cent the last year and farmers are well satisfied with the results.

Cheat Seed. Recleaned. This is used as a hay crop especially on wet lands and when cut and taken care of at the right time makes a good hay.

Canada Field Peas. Field peas are becoming more popular every year. They make a good hay; make a great hog feed and are used for silos. **Lb. postpaid, 20c; not postpaid, 1b. 10c; 100 lbs. market price.**

VETCHES

Oregon Vetch (Common Vetch). One of the best forage plants grown on the Pacific Coast. It furnishes an abundance of green, makes a fine hay; used for silos, pasture, and is unexcelled as a cover crop. **Price, per 100 lbs. \$6.50.**

Hungarian Vetch. This is proving a wonderful vetch; it seems to be adapted for land too heavy and wet for common vetch; is aphesis proof; seems to stand more freezing than other vetches and is very productive. Can be used for all purposes that common vetch is used for with the assurance of making a crop when other vetches are a failure. **Price, per 100 lbs. \$6.50.**

Sand or Hairy Vetch. This thrives on poor, arid, sandy soil, but will grow anywhere. Is a winter vetch and should be planted in fall when to be cut for crop or seed. Can be seeded in spring for pasture. **10 lbs. postpaid, \$2.00; 100 lbs., by freight or express collect, \$12.00.**

Vetch and Oats. This is a mixture prepared for hay and is the usual mixture sown in this valley. Consists of recleaned grey winter oats and Oregon vetch. **Write for prices.**

Tangier Field Peas. This is the variety that is recommended so highly by O. A. C. as suitable for this section. **Lb. 15c; postpaid, 25c; 25 lb lots at 12c per lb. not postpaid. Write for quantity prices.**

BEE HIVES AND SUPERS

DOVETAILED PINE HIVES

No. 1, 8 frame, Dovetailed Hive, complete with one super. Consists of one bottom Board, one body, one super, one cover, eight Hoffman Brood frames, six section holders, 24 sections and foundation starter for frames and sections, also nails if K. D. **Nailed, each, \$4.15; case of 5, K. D. Flat, \$17.00.**

No. 2, 8 frame. Hive is the same as No. 1, less sections and foundation. **Nailed, each, \$3.50; K. D. Flat, case of 5, \$14.00.**

No. 1, 10 frame, Dovetailed Hive, with super, section, etc., complete. **Nailed, each, \$4.45; case of 5, K. D. Flat, \$19.00.**

No. 2, 10 frame. Hive same as No. 1, less sections and foundation. **Nailed, each, \$3.85; case of 5, K. D. Flat, \$16.50.**

DOVETAILED PINE SUPERS

No. 1, for 8 frame Hive. Complete, with sections and foundations. Nailed, each, \$1.50; case of 5, K. D. Flat, \$6.50.

No. 2, for 8 frame hive. Less sections and foundations. Nailed, each, \$1.15; case of 5, K. D. Flat, \$5.00.

No. 0, Empty. Nailed, each, 80c; case of 5, K. D. Flat, \$3.50.

No. 1, for 10 frame hive. Complete with sections and foundations. Nailed, each, \$1.75; case of 5, K. D. Flat, \$7.75.

No. 2, for 10 frame hive. Less sections and foundations. Nailed, each, \$1.25; case of 5, K. D. Flat, \$5.25.

8 frame, single story, no super. Nailed, each, \$2.70; case of 5, K. D. Flat, \$11.00.

8 frame, Hive Body, Empty. Nailed, each, \$1.10.

10 frame, single story. Nailed, each, \$2.85; case of 5, K. D. Flat, \$12.00.

10 frame, hive body empty. Each, \$1.10; case of 5, K. D. Flat, \$4.50.

8 frame, Covers. Each, 70c.

8 frame, Bottom Boards. Each, 50c.

10 frame, Covers. Each, 75c.

10 frame, Bottom Boards. Each, 60c.

BEE SUPPLIES

BEE BOOKS

A. B. C. X. Y. Z. This is the most complete book published and no bee man can afford to be without it. Postpaid, \$3.15 each.

ZINC HONEY BOARDS

No. 11, 8 frame, unbound, 45c; postpaid, 50c.
No. 1, 10 frame, unbound, 50c; postpaid, 55c.

PORTER BEE ESCAPES

The best on the market. Each, 25c, unbound.

BEE ENTRANCE GUARDS

Zinc front, 8 frame. Each, 40c, postpaid.

DRONE TRAPS

Alley's Improved. 8 frame. Each, \$1.10; postpaid; 10 frame, each \$1.20.

BOARDMAN'S FEEDERS

To be used with Mason jar. Price, without jar, 40c; each, postpaid.

SPUR WIRE EMBEDDERS

Very convenient in putting in wire. Each, 50c, postpaid.

PARKER FOUNDATION FASTENERS

Holds the sections in place when putting in foundations. Each, 50c; postpaid, 55c.

SECTION HONEY BOXES

Our No. 1 Sections are made of the choicest white basswood lumber and are perfect in finish, and free from defects. They are not all snow white, but vary from that to a light cream color. Choice honey shows to best advantage in a section not too white, as it is the honey rather than the wood that the consumer looks to. 100, \$2.00; 500, \$8.00.

SECTION HOLDERS

Six sections holder, with separators, one follower and wedge, are put in each super, and each holder holds four 1-lb. honey boxes. The bottom strip is $\frac{1}{4}$ -inch thick, and is cut to fit in sets of sections, $1\frac{1}{8} \times 8\frac{1}{2}$ inches, slotted. Each, 6c; 100, \$5.00.

COMB FOUNDATION

Packed in 1, 2, 3, and 5-pound paper boxes, of 25 pounds in a case. Light standard brood grade, 6 to 7 square feet per lb. Price per lb. 80c. Light section grade 11 to 12 square feet per lb. Price per lb. 90c. If foundation is wanted by mail, add 8c per lb up to two lbs., and 2c per lb. over 2 lbs.

HOFFMAN BROAD FRAMES

The Hoffman Improved Foundation Fastening Frames are the latest and best brood frames out. The top bar is made with a beveled strip which holds the foundation absolutely in place, perfectly straight and exactly in center of top bar. Anyone can put foundation in these new frames very rapidly. **Price Hoffman Frames, per 10, 80c; per 100, \$7.00.**

SEPARATORS

One separator should always be placed between each section holder so that the bees will build the honey comb even in each section. Slotted wood separator, $4\frac{1}{2} \times 18$, per doz. 15c; per 100, \$1.00.

BEE VEILS

Hat Veils. These veils have a rubber band around the top so as to fit the hat snugly. The lower end is bound, to prevent fraying. The kinds of material are given below. **Price list, postpaid, No. 3 Veil, cotton tulle throughout, \$1.35** **Globe Veils, each \$1.65.**

BEE ENTRANCE GUARDS

Root's or Tinker's. These are to admit workers and exclude drones. After the drones are all out, fix the guards over the entrance, and at night the drones can be destroyed. **Price, 35c; by mail, 45c.**

TINNED WIRE

No. 30. Per spool, 10c, postpaid; $\frac{1}{4}$ lb. spool, 25c; postpaid, 30c.

BEE SMOKERS

Clark's Cold Blast. Probably the most popular smoker in use today is the Cold Blast, although many are now changing to the hot blast, claiming that they are more effective. The Clark is the best low-price smoker. **Price, \$1.25; by mail, \$1.35.**

Standard Smoker. It is neat in appearance and does not topple over easy. Makes a good strong blast, with little work. Very substantial. **Price, Standard, $3\frac{1}{4}$ inch, \$1.75; by mail, \$1.85.**

HIGH GRADE FERTILIZERS

Fertilizers in the Northwest are just commencing to be used.

In a few years, nearly all our farms, orchards, gardens, etc., will have to be fertilized in order to be profitable.

You will find it profitable to use a good fertilizer for whatever crop you may be growing.

We carry a complete stock of the Swifts Red Steer Brand of Fertilizers as well as the different ingredients if you care to mix your own formula. All prices are subject to market changes.

SWIFTS RED STEER BRAND FERTILIZERS

Brand B. 2 12 3. A complete general fertilizer for gardens, truck farms, etc. **125 lbs. bags, \$3.50; ton, market price.**

Brand C. 3 10 4. Berries and small fruits. **125 lb. bag, \$3.75; ton, market price.**

Brand E. 3 10 10. Very strong in potash, especially adapted for onions, kale, cabbage, etc. **125 lb. bag, \$4.00; ton, market price.**

Nitrate of Soda. The cheapest and best way to apply nitrogen to plants. Applied right, produces wonderful results. **25 lbs. \$1.15; 100 lbs. \$3.75, ton, market price.**

Muriate of Potash. Used especially on fruits and onions to make a firmer, better grade. 25 lbs. \$1.15; 100 lbs. \$3.25; ton, market price.

Acid or Superphosphate. 17½ % Valuable on fruits and berries as it improves the color and shipping qualities. Also helps to make the fruit set when blooming. 125 lb. bag, \$2.00; ton, market price.

Sulphate of Ammonia. 25%. A wonderful, quick acting fertilizer for lawns, gardens, fruit, etc. 25 lbs. \$1.50; 100 lbs. \$5.00.

Pure Bone Meal. A slow acting fertilizer that is one of the best kinds to use for continued Growth. 25 lbs. \$1.00; 100 lbs. \$3.00 ton, market price.

Sheep Guano. We have a good grade of this valuable fertilizer and our price is especially low. 100 lbs. \$1.50; ton, market price.

Fertilime. This is a high grade lime made for fertilizer and for a disinfectant in barns, etc. 100 lbs. \$1.50; ton, market price.

Ground Lime Rock. Pure, ground lime rock from state lime plant. 100 lb. bag, \$1.00; ton, market price.

Fertilizer Tankage. Have a good article at a reasonable price. 100 lbs. \$3.00; ton, market price.

Land Plaster. A high grade land plaster for clover, vetch, peas, corn, potatoes, etc. 100 lb. sack, 85c; ton, market price.

More Crop Lawn Fertilizer. A high grade lawn fertilizer that is properly mixed and contains the various fertilizer ingredients to produce the finest lawns the year around. 100 lb. bag, \$3.50.

More Crop Garden Fertilizer. Contains the various fertilizers necessary for garden use. With this fertilizer, you can produce the finest of garden truck. 100 lb. sack, \$3.00.

LAWN FERTILIZER

Roselawn is the highest grade lawn fertilizer on the market and certainly makes the lawn grow. Also, used for roses, shrubbery and plants. Lb. 19c; 3 lbs. 25c; 25 lb. bag, \$1.25; 50 lb. bag, \$2.00; 100 lb. bag, \$3.50.

Diamond Plant Food. Made for house plants, etc. ½ lb. pkg. 25c; 1 lb. pkg. 40c; postpaid, ½ lb. 35c; 1 lb. 50c.

Floranid is the most highly concentrated nitrogen fertilizer, containing 46% available nitrogen. No other fertilizer contains anything like as high a percentage. One level teaspoonful to the gallon of water is all that is required. 1 lb. can, 75c; postpaid, 85c. Try a can and prove its value.

SPRAY MATERIAL

We carry the largest stock of the most reliable spray materials in the city. You will find that our prices are the lowest that can be made on first class goods. You do not want to use anything but the best as it is money thrown away to use poor spray material. Spare the Spray and Spoil the Fruit. Never before has it been so necessary to protect fruit and vegetables crop against the ravages of insects and fungous diseases. This applies to commercial plantations and to the small orchard or garden. The question as to whether spraying pays has been answered. The real problem is one of improving sprays and their methods of application.

S.W. Spray Oil, or Spray Mulsion. For Scale, Thrip, etc. From experiments we have made the past ten years, we find that for Scale on Fruit trees, there is no spray that has the killing effect of the oil spray. Should be applied as a dormant spray for this purpose. Spray-Oil, so far has been the only remedy for thrips; should be used with Black Leaf 40 and applied as soon as the thrip shows. Do not delay as the damage is done within a day or so and crop ruined. 5 gal. can, \$2.50; 50 gal. bbl. \$15.00.

S W. Lime Dry Sulfur. This is taking the place of the old Lime-Sulphur Solution as it has all the advantages and none of the disadvantages of this spray. A 100 lb. drum makes as much spray as a 600 lb. bbls. of the old spray. From tests made the last few years, it has surpassed all other sulphur sprays in various tests. Used for San Jose Scale, Apple Scab, Peach Curl Leaf, Brown Rot, Pear Psylla, Leaf Blister, Mite, etc. Lb. 30c; 5 lbs. \$1.15; 10 lbs. \$2.00; 25 lbs. \$3.25; 50 lbs. \$5.50; 100 lbs. market price.

Lime Sulphur Solution. We carry the well known and very reliable Dependable Brand of Lime-Sulphur Solution manufactured by G. Stoltz Co. They have manufactured this well known brand for many years and it has proven very satisfactory. We carry stock at all times and have a very convenient place to load it. We sell at factory price. Price, 50 gallon barrel, \$9.00 Allowance of \$1.00 for barrel when returned.

S W. Arsenate of Lead, Dry Powdered. This has supplanted the paste form and is now used in all sections of the U. S. Much more convenient to use, only takes half as much, much more easy to mix, does not freeze, always good, no matter how old. Arsenic and Lead thoroughly combined, eliminating danger from burning. Cannot be sent by mail. Write for prices.

S W. Fungi Bordo Spray, Dry Powdered. The most convenient of Bordo Spray. Easy to handle and mixes readily. Now sold at prices that are cheaper than you can afford to buy the materials and make it. Cannot be sent by mail. Lb. 35c; 5 lbs. \$1.25; 25 lbs. \$4.50.

Black Leaf 40, Nicotine Sulphate. Guaranteed to contain 40% nicotine. When used according to directions it neither burns nor stains fruit or foliage. Used as a fruit spray for thrip and Aphis, as a Hop spray, and as a Sheep Dip. Also used on Garden truck, Onions, etc. Cannot be sent by mail. Oz. 35c; $\frac{1}{4}$ lb. \$1.25; 2 lbs. \$3.50; 10 lbs. \$13.50.

Whale Oil Soap. An excellent summer wash for Aphis, etc. Lb. 20c; 100 lbs. market price.

Tobacco Powder for Dusting. For destruction of Green Fly Aphis, etc., where fumes cannot be confined. 2 lb. pkg. 40c. 10 lb. pkg. \$1.25.

Sulphur. A good grade of sulphur for spraying, etc. Lb. 5c; 10 lbs. 50c; 110 lbs. \$2.75; ton, market price.

Lime. The best grade on the market for all purposes. 10 lbs. 30c; 100 lbs. \$2.25; bbl. \$3.75.

Bluestone. The best grade for spraying. Lb. 10c; 100 lbs. market price.

Grafting Wax. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 40c; postage extra.

Beeswax. Lb. 60c; postpaid, 70c.

Rosin. Lb. 15c; postpaid; 10 lbs. \$1.25, not postpaid.

Slug Destroyer. This is a powder that you sprinkle around the plants to keep the slugs away. And it does it. Pkg. 25c; postpaid, 35c.

Magotite. Insures a good crop of Radishes, Kale, Cabbage, Onions, Turnips, Cauliflower, etc. "Mag-O-Tite" acts as a preventive by repelling the Fly which lays the eggs from which the Maggots are hatched and it also destroys Maggots which are already in the soil. While intended primarily as a remedy for Root Maggots, it has proved very effective in combating Earth Worms of all kinds, the Strawberry Crown Borer, Cabbage Worms, Asparagus Miner, Flea Beetle, Cut Worms, and all kinds of Slugs. Approximate quantity required: a 2-lb. package for about 300 feet of drill, or for field culture, 300 to 500 lbs. per acre. 2 lbs. 25c; 4 lbs. pkg. 50c; 8 lb. pkg. \$1.00; 25 lb. sack, \$2.50. Send for folder and directions.

Carbola. The disinfectant white paint, used instead of whitewash. 10 lbs. pkg. \$1.50; postpaid, \$1.70 5 lb. pkg. 85c; postpaid, \$1.00.

NEWELL SPRAY MASK

Newell Spray Mask. There have been many people who have been badly burned and injured from spray material, some have even lost their eye sight. This mask completely covers the face and does not interfere with the sight of the operator in the least. This mask is a great boon to those that have spraying to do and will be a great relief to those who operate the spray outfits. **Price, each, \$1.00.**

SPRAY GLOVES

Spray Gloves. We have an exceptional good rubber glove for those that use spray that is quite durable. **Price, each, \$2.50, postpaid.**

SPREADER

This Casein Spreader has proven the most satisfactory on the market. It spreads over more surface and makes an even spread and holds the spray better than any other spreader we have been able to secure. **1b. pkg. 15c; postpaid, 25c.**

LEE'S GARDEN INSECTICIDE

Lee's Garden Insecticide. To be used against garden insects, such as cabbage worms, plant lice, green bugs, beetles, etc. Also used on roses and shrubbery. **Lb. can 35c; postpaid, 45c.**

TREE TANGLEFOOT

Tree Tanglefoot. Usually used around the base of the tree to keep insects and vermin off tree. **Lb. can, 50c; postpaid, 60c; 3 lb. can, \$1.45; postpaid, \$1.55; 10 lb. can, \$4.25; postpaid, \$4.50.**

PRUNING COMPOUND

This is in the form of a thick paste and is the best article on the market. Stays pliable and does not crack or harden and protects the tree. **Qt. can, 65c; postpaid, 75c; 1 gal. can, \$2.00; postpaid, \$2.15.**

FLY SPRAYS

Dr. Hess Fly Spray has proven one of the best on the market. **Qt. can, 60c; postpaid, 70c; $\frac{1}{2}$ gal. can, 90c; postpaid, \$1.00; 1 gal. can, \$1.50; postpaid, \$1.65; 5 gal. can, \$7.00.**

Conkey's Fly Spray. A very popular article. **Qt. 70c; postpaid, 80c; $\frac{1}{2}$ gal. can, \$1.15; postpaid, \$1.25; 1 gal. can, \$1.75; postpaid, \$1.90.**

So^r Bos So. An old favorite that many prefer. **Qt. can, 65c; postpaid, 75c; $\frac{1}{2}$ gal. \$1.00; postpaid, \$1.10; 1 gal. can, \$1.60; postpaid, \$1.75.**

Oronite Fly Spray. For household use. Kills flies, mosquitoes, bedbugs, fleas, ants, roaches, moths, etc. It will not stain clothing or walls. **Pint can, 65c; with sprayer, \$1.00; 1 gal. can, \$3.00, with sprayer, \$3.35, postage extra**

CALCIUM CYANIDE

(Cyan-o-gas)

This gas, if used according to directions, kills Squirrels, Moles, Gophers, Rats and other varmints. It is easy to apply, all that you need is a small shovel and a spoon. It will absolutely kill and is the best method of killing the above animals.

Green House Use. It is now used to kill all insects in Green Houses and has taken the place of the various sprays for that purpose. Special directions free.

Garden Use. For market gardeners it is used for wire worms, etc. **Prices, F.O.B. Salem, Ore., 1 lb. can, 65c; 5 lb. can, \$1.65; 25 lb can, \$5.50. Cannot be sent by mail.**

SPRAY PUMPS AND SPRAYERS

Utility Compressed Air Sprayers. Standard size. This is one of the best compressed air sprayers on the market. It is well made of heavy galvanized iron, holding about $3\frac{1}{2}$ gallons of spray. This type of sprayers are becoming more popular every year as they are so convenient to use for every purpose that a small sprayer is adapted to. **Price, \$6.50 each.**

Bucket Pump. With lever handle. A very popular pump. Powerful and convenient. **Price, \$7.50.**

Hand Sprayer. A very convenient sprayer for lice killers, fly sprays, rose sprays, etc. Aspinwall type, 60c; Faultless type, 60c.

Continuous Hand Sprayer. This is the most convenient sprayer on the market. Tin, \$1.00; Galvanized, \$1.10.

Glass Jar Sprayer. This uses a regular Mason jar for the container and is well made and convenient. **85c each.**

Feeaney Dust Gun. A dandy dust gun that does the work. **Each, \$1.00.**

S W. Powder Guns. A powerful dust gun for use in orchards, small fruit, for market gardeners and any place where you desire to have large capacity. **Each, \$7.50 complete.**

Standard Spray Pumps. The most powerful hand sprayer made. The nozzle and plunger are built together on the style of a pop gun and gives you a large capacity and immense power for hand sprayer. **Price, \$5.00.**

Knapsack Powder Guns. After testing many makes of Dust Guns, we placed our order for the Knapsack. This is a very powerful gun and is suitable for gardeners and orchardmen. Easy to operate and does not get out of order like most of the powder guns. **Price, each, \$15.00.**

HAND SEEDERS AND CULTIVATORS

Horn. This is one of the most popular seeders for clovers, timothy and other small seeds. **Price, each, \$1.00.**

Cyclone. This is a larger seeder and can be used for grains as well as all small seeds. **Price, each, \$2.50.**

HAND CULTIVATOR

We have a good high grade hand plow and cultivator that is very convenient for garden use. Complete with all necessary attachments. **Price, \$5.00.**

PLANT SETTERS

Masters'. For planting cabbage, kale, celery, etc. With this little planter you can plant, water and fertilize ten thousand plants a day. **Price, each, \$6.50.**

CORN PLANTERS

Crescent. A two-handed planter; strong and durable. **Price, \$1.35.**

Segment. Very accurate in planting. **Price, \$2.25.**

TRAPS

Reddick Mole Traps. The best trap for catching moles on the market. **Each, \$1.25; postpaid, \$1.35.**

The Cinch Gopher Trap. The only safe and successful device for catching this pest. No dangerous gun; no ammunition. Easy to operate and when set properly is a "cinch" sure enough. Any boy can clean the ranch with them. Will also catch moles, rats, etc. Sold several hundred of these traps the past season and they all gave fine satisfaction. Guaranteed to do the work or money back. **Price, 65c; postpaid, 80c.** State whether for moles or gophers when ordering.

Out o'sight Mole Trap. One of the best. Sure to "get them." **Price, \$1.25; postpaid, \$1.35.**

Nash Mole Traps. This is the trap that the Dept. of Agr. of U. S. claims is the best trap on the market, after testing all kinds. **Price, each, \$1.25; postpaid, \$1.35.**

VARMINT POISONS

Squirrel Poison. We handle a reliable brand of squirrel poison that does the work. **Can, 50c.**

Gas Balls. Kills the Gophers, Moles, Rats and Squirrels; easy to handle, safe and sure to kill. **5c each; 6 for 25c; doz. 40c; carton of 125, \$3.00. Cannot be sent by mail.**

Rat Nip. The best rat poison on the market; sure to kill. **Tube, 35c. Cannot be sent by mail.**

CALCIUM CYANIDE

Clacium Cyanide or Cyan o gas Calcium Cyanide is endorsed and recommended by Federal, State and County Rodent Experts for control of squirrels, gophers, moles, etc. Safe to use. It may be stored and handled with ease and safety. It is non-explosive and non-inflammable and will not deteriorate in strength if kept in the air tight cans. The results our customers have had in the last year from the use of this gas have been the best of all the different poisons on the market and proven very satisfactory. Prices, **lb. can, 65 cts; 5 lb. can; \$1.65; 25 lb. can, \$5.50. Must be sent by express or freight. Cannot be mailed.**

PEERLESS GOPHER KILLER

For exterminating gophers, moles and all burrowing animals. This is a liquid that when put in the burrow forms a heavy gas that penetrates through the runway and kills the animal. It has proven very successful. **Qt. can, 75c. Cannot be mailed.**

GOPHER GUNS

For the positive destruction of Gophers, Moles, Squirrels, Rats and other burrowing pests. This is a new gun that shoots a 38 BLANK cartridge shell and is safe and simple to use. Keep the gun clean and it will last a life time. **Price, \$2.00 each, postpaid.**
Blank Shells, doz. 25c. Cannot be sent by mail.

POULTRY FOODS

Blatchford's Milk Mash for Baby Chicks. Without any doubt, the finest chick starter ever offered on the market. You will not have any sick chicks if you commence and feed this prepared mash. Fed by all the leading poultrymen of the U. S. and always good. **Lb. 10c; 25 lbs. \$1.85; 100 lbs. \$7.00.**

We do not quote feed prices as market changes occur every few days usually, that any price given might be out of line but will be glad to quote prices on the different feeds at any time. Special low prices on large orders. Send us a list of your needs and get our prices.

We handle: Chick Starter Milk Mash, Chick Feed, Growing Feed, Developing Mash, Laying Mashes; Buttermilk Mashes, Scratch Feeds, Corn, whole, cracked and ground; Wheat, whole, cracked and ground; Oats, whole, rolled and ground; Oats Grote, whole, rolled or ground; Barley, whole, rolled and ground; Bran, Shorts, Mill Run, and various mixed feeds. Buying in car lots we are in a position to quote you the lowest market prices.

Fish Meal. The grade we sell is the best obtainable. It contains nothing but pure fresh fish, properly processed and will not taint the eggs. **100 lbs. \$4.25.**

Our "Special" Meat Scraps. Are rich in materials which make bone, muscle and lean meat. They insure health, thrift, and vigor and satisfy the natural craving of the bird's system for flesh-food in some form. Rich in protein. Can be fed dry or with cooked rations. **Lb. 10c; 10 lbs. 75c; 100 lbs. \$5.00.**

Granulated Bone. We offer only highest quality, white' pure and clean Rich in phosphates, lime and protein. Should be kept before your chickens at all times. Feed in a sanitary Shell and Grit Box. **6 lbs. 25c; 10 lbs. 40c; 100 lbs. \$3.20.**

Oyster Shell Crushed. Best Grade pure hard Eastern oyster shell, crushed and sifted. Supplies lime material for egg shells. Does not take the place of grit as some think. Hens must have both shell and grit. Oyster shells should be within reach of your hens at all times. **10 lbs. 25c; 100 lb. sack, \$1.50.**

Grit, Best Grade. Every poultry raiser should keep a supply of this grit in each pen. Baby chicks and ducklings must have it. Made in three sizes, chick, pigeon or broiler, and hen size. We always send hen size unless others are ordered. **12 lbs. 25c; 100 lb. sack, \$1.00.**

Alfalfa Leaves. The best substitute for green food for winter feeding; helps keep the egg basket full; mixed with the soft feed is good for large or small chicks; endorsed by leading experts. **50 lbs. \$1.75.**

Charcoal. Our stock is prepared especially for poultry and of highest quality obtainable; a preventative of bowel trouble; sour crop and indigestion; a health preserver. State size wanted. A, for mash; B, for chicks; C, for large chickens or hens. **Lb. 10c; 3 lbs. 25c; 10 lbs. 60c; 50 lbs. \$1.75.**

Poultry Pepper. A good tonic and invigorator. **Ground. Lb. 30c; postpaid, 40c.**

Tobacco for Poultry. We have a special high grade tobacco dust for Worms in Poultry. **2 lb. pkg. 40c; 10 lbs. \$1.25. Cannot be mailed.**

Meat Meal. For those who prefer to mix their own mashes, we have this high grade meat meal. **100 lbs. \$3.75.**

Poultry Bone Meal. Made especially for mashes. **10 lbs. 40c; 100 lbs. \$3.20.**

Sterilized Bone Flour. This is a very fancy Bone Flour made for animal feeding. Used by Dairymen, Fox Breeders, and in various mixtures of minerals. **10 lbs. 80c; 100 lbs. market price.**

Semi Solid Buttermilk. An essential feed for Baby Chicks and Laying Hens. You may be doing well from your poultry without it but tests show that you will do about 25% better with it. The cost is very small and you cannot afford NOT to feed it. Try a kit and see the results. **5 gals. \$3.00, 10 gals. \$5.00; larger containers at market price. Send for circular.**

EGG SCALES

Under the new law it is to your advantage to grade your eggs. The eggs must be graded before being sold and you will gain several cents a dozen by doing your own grading. We have several good scales. The Lincoln, weighs three grades, **50c each, postpaid.** The Champion, weighs four grades, **\$2.00 each, postpaid.**

STICKITITE DRY DIP

This prepared dry mixture can be applied to the chicken or can be used in the dust bath. Kills head lice as well as body lice. Guaranteed. **Pkg. for hens, 65c, postpaid, 75c; pkg. for 100 hens, \$1.00, postpaid, \$1.10.**

BROODERS AND INCUBATORS

Buckeye Incubators Hatch more and Better Chicks. Sizes are from 65 egg to 600 egg. These are one of the best and most durable machines made and give excellent results. Send for large catalogue and price list.

Charters Incubators. This has proven one of the best incubators on the market. Used by many large poultrymen and at Oregon State Hospital Poultry Farm. Can be had with oil or electric or combination of both. Send for catalogue and price list if interested in incubators.

Petaluma Electric Incubators. We have sold many of these machines and they have given excellent hatches. Very easy and cheap to operate. Free catalogue.

Place your order for all incubators some time before you are ready to use as we do not carry stock of only a few sizes and must have time to get them from nearest warehouse stock.

Lyon Improved Electric Brooder. This is a wonderful brooder, easy to operate. Cheaper to operate than coal or oil burners and far more convenient.

Prices, F. O. B., Salem, Oregon.

500 Chick Size, 68 inch canopy, \$47.00

350 Chick Size, 56 inch Canopy, 37.00

200 Chick Size, 42 inch canopy, 26.50

100 Chick Size, 30 inch canopy, 21.50

Buckeye Brooders. For those that do not have electricity, we recommend the Buckeye Coal and Oil Burners, according to capacity wanted and how used. They are very reliable and give excellent results. **Send for prices and catalogue.**

SHARPLES CREAM SEPARATORS

We are Agents for the splendid products of the Sharples Co. Their new "Suction Feed" Separators are the only Separators that will skim clean at any speed and this feature alone, guarantees one-fifth more cream than can be saved by any other separator. The milk is drawn up through the bottom of the bowl by the suction of force the revolving bowl—and the greater the speed the faster the separation—But at all speeds the New **Sharpless Skims Clean**—and the cream is of a uniform density—just what you set the cream screw for—and—you get all the cream at any speed—fast or slow—and the faster you turn the greater the capacity. This is true of no other separator. **Automatic Milk Shut off. Unbendable Spindle**—are only a few of the new exclusive features fully explained and illustrated in the Catalog of the "New Sharpless."

THE NEW 1925 SHARPLESS QUIESCENT BOWL

The New 1925 Sharpless Quiescent Bowl Doubles the Capacity without increase in size or energy required to operate it. And the cost is just a little more than for the smaller machines. Something absolutely new on the market with a new principle that makes such results possible. Prices are as follows, F.O.B. Salem, Oregon.

The Sharpless Suction Feed, No. 3, Capacity, 350 lbs. per hour,	\$85.00
The Sharpless Suction Feed, No. 4, Capacity, 450 lbs. per hour,	95.00
The Sharpless Suction Feed, No. 6, Capacity, 700 lbs. per hour,	115.00
The New 1925 Model, No. 7, Capacity, 700 lbs. per hour,	100.00
The New 1925 Model, No. 12, Capacity, 1300 lbs. per hour,	165.00
All Steel Model, No. 2, Capacity, 250 lbs. per hour,	65.00

Supplies. We carry nearly all the supplies that are ever needed or can secure them on very short notice. Always use genuine Sharpless parts to secure the best results.

Sharpless Milking Machines. If interested in a Milking Machine, send for catalogues. Two styles, one for engine and one for electricity, two wonderful machines.

POULTRY AND STOCK FOODS AND REMEDIES

Dr. Hess Stock Tonic. 2lb. pkg. 35c; postpaid, 45c; 4½ lb. pkg. 75c; postpaid, 85c; 10 lb. pkg. \$1.50; postpaid, \$1.70; 25 lb. pail, \$3.50; postpaid, \$3.80.

Dr. Hess Panacea. 1½ lb. pkg. 30c; postpaid, 40c; 3 lb. pkg. 60c; postpaid, 70c; 7 lb. pkg. \$1.25; postpaid, \$1.40; 25 lb. pail, \$3.50; postpaid, \$3.80.

Dr. Hess Louse Killer, Powder. 1 lb. pkg. 30c; postpaid, 40c.

Dr. Hess Dip and Disinfectant. Qt. 75c; postpaid, 85c; ½ gal. \$1.25; postpaid, \$1.35; 1 gal. \$2.00; postpaid, \$2.15.

Dr. Hess Healing Powder. 4 oz. pkg. 25c; postpaid, 30c; 10 oz. pkg. 50c; postpaid, 55c.

Dr. Hess Roup Remedy. 4 oz. pkg. 25c; postpaid, 30c; 10 oz. pkg. 50c; postpaid, 55c.

Dr. Hess White Diarrhea Remedy. Small pkg. 25c; postpaid, 30c; large pkg. 50c; postpaid, 55c.

Dr. Hess Stock Worm Powders. 1½ lb. pkg. 50c; postpaid, 60c.

Dr. Hess Special Hog Worm Powders. 10 lb. pkg. \$1.50; postpaid, \$1.70.

Dr. Hess Heave Powders. 1½ lb. pkg. 50c; postpaid, 60c.

CONKEY'S POULTRY REMEDIES

Roup* Remedy. Small pkg. 30c; postpaid, 35c; medium pkg. 60c; postpaid, 65c; large pkg. \$1.20; postpaid, \$1.25.

Cholera Remedy. Small pkg. 30c; postpaid, 35c; medium pkg. 60c; postpaid, 65c; large pkg. \$1.20; postpaid, \$1.25.

Gape Remedy. Small pkg. 30c; postpaid, 35c.

White Diarrhea Remedy. Small pkg. 30c; postpaid, 35c; medium pkg. 60c; postpaid, 65c; large pkg. \$1.20; postpaid, \$1.25.

Sorehead Remedy. Small pkg. 30c; postpaid, 35c.

Canker and Bronchitis Remedy. Pkg. 60c; postpaid, 65.

Limberneck Remedy. Pkg. 60c; postpaid, 65c.

Black Head Remedy. Pkg. 60c; postpaid, 65c.

Scaly Leg Remedy. Pkg. 30c; postpaid, 35c.

Lice Powder. 15 oz. pkg. 30c; postpaid, 35c; 48 oz. 60c; postpaid, 70c.

Head Lice Ointment. 1 oz. 15c; postpaid, 20c; 3 oz. 30c; postpaid, 35c.

Lice Fix. Small pkg. 30c; postpaid, 35c; large pkg. 60c; postpaid, 65c.

Barnes Worm Emulsion. Give your hens a chance by controlling the worms with Barnes' Worm Emulsion and they will do their part. Qt. can, \$1.00; postpaid, \$1.10; 1 gal. can, \$3.00; postpaid, \$3.15.

DAIRY ASSOCIATION GOODS

Kow Kare. Small pkg. 65c; postpaid, 75c; large pkg. \$1.25; postpaid, \$1.35.

Bag Balm. Pkg. 65c; postpaid, 70c.

Garget Cure. Pkg. 65c; postpaid, 75c.

Poultry Worm Capuceles This is the latest method of feeding to kill worms in poultry and has proven very successful. We have a high grade article that is used in California and recommended very highly by California State Poultrymen. **100 capuceles in box, \$1.00 per box.**

QUICK RELIEF FOR COWS

This is a great remedy for cows with sore or caked bags and acts very quickly. **Can, \$1.50; postpaid, \$1.65.**

LEE'S LICE KILLER AND REMEDIES

Lee's Lice Killer. This is the best lice killer on the market without doubt. In a class by itself. Qt. can, 60c; postpaid, 70c; $\frac{1}{2}$ gal. can, 90c; postpaid, \$1.00; 1 gal. can, \$1.50; postpaid, \$1.65

Lee's Lice Powder. Lb. can, 30c; postpaid, 35c.

Lee's Germozone. 4 oz. bottle, 40c; postpaid, 45c; 12 oz. bottle, 75c; postpaid, 85c; 32 oz. bottle, \$1.50; postpaid, \$1.60; 1 gal. Bottle, \$4.50; postpaid, \$4.65.

CHOLERINE

Cholerine. A wonderful poultry remedy. Fine for young chicks. **6 oz bottle, 45c; postpaid, 50c; 16 oz bottle, 75c; postpaid, 85c.**

SODIUM FLUORIDE

Sodium Fluoride. This is a wonderful lice powder and surely kills 'em. **Can, 50c; postpaid, 60c.**

CARBOLIC-OL

Carbolic-Ol. This is used usually as a paint and is very penetrating and lasts for a long time. Used in a poultry house, it will keep it free from lice and vermin for months. **1 qt. can, 60c; postpaid, 70c; $\frac{1}{2}$ gal. can, 90c; postpaid, \$1.00; 1 gal. can, \$1.50; postpaid, \$1.65.**

BARRELS AND KEGS

We carry a complete stock suitable for meat, fish, cider, vinegar, kraut, etc.

5 gallon keg....\$.95	15 gallon keg....\$1.75	30 gallon barrel....\$2.90
10 gallon keg....\$1.50	20 gallon keg....\$2.25	50 gallon barrel....\$3.90

CHICK FOUNTAINS AND FEEDERS

MOE'S STAR FOUNTAIN AND FEEDER

Made of a single piece of heavy metal. No solder, no seams, no loose parts. Suitable for feed as well as water. Little chicks can not drown. Fits any Mason jar in 1 Pint, 1 Quart, and 2 Quart sizes. No. 32 (Glass jar not included) Each 10c.

MOE'S DOUBLE FEEDING TROUGHS

Double trough, with sliding top, easily filled and cleaned. Accurately stamped with dies. No rough edges. No. 59, length 18 in. each 60c; No. 60, length 24 in., each 70c.

MOE'S BABY CHICK FEEDERS

A great feed saver, and can also be used for water or milk. Accurately stamped with dies. Top fits snugly, yet is easily taken off for filling and cleaning. No. 11, diam. 6 in with 8 holes, each 15c; No. 12, diam. 8 in. with 12 holes, each 25c.

ALUMINUM FEEDING TROUGHS

Excellent for feeding Buttermilk, as the aluminum is not affected by the acids of sour milk and similar feeds. The same design as shown above, with sliding top. Easy to clean and will never rust. No. 69, length 10 in. each 55c; No. 70, length 20 in., each 95c.

WALL FOUNTAIN

The covered outlet keeps out dust and dirt, and a removable plate prevents any floating rubbish from being drawn into the reservoir. No. 98, 1 gal. Capacity, each \$1.25; No. 99, 2 gal. capacity, each \$1.50.

BOTTOM FILL FOUNTAIN

The round taper shape prevents damage from freezing. Made in two pieces accurately formed. Easily filled and cleaned. No. 19, 1 quart, each 40c; No. 20, 2 quart, each 50c; No. 24, 1 gal., each 65c.

MOE'S GRIT AND SHELL BOXES

Economical and practical for feeding grit, shells, etc. No. 9, three compartments, each \$1.00; No. 90, four compartments, each \$1.35.

MOE'S LARGE CAPACITY FEEDER

A fine feeder for growing stock, and a great time and labor saver. Has a total of 32 feeder holes. Sliding top, easy to fill and clean. Capacity 10 quarts, length 21 inches. No. 140 Moe's Chick Feeder, each \$1.45.

MOE'S OAT SPROUTER

Steel frame, well braced and painted, with six heavy galvanized iron pans which are interchangeable. Provides the very necessary green feed at all seasons. Total height 3 ft. Size of pans, 16x18 inches. No. 110 Moe's Oat Sprouter, each \$7.00.

MOE'S DRY MASH HOPPERS

A strictly high quality hopper, properly designed. The curved bottom keeps the feed in easy reach, and the taper shape of the hopper prevents the feed from clogging. Height 19 inches. No. 35, width 8½ in. each \$1.65; No. 36, width 12 in. each \$2.20; No. 13, width 18 in., each \$2.50; No. 37, width 24 in., each \$3.10.

HODGIN-BREWSTER FEEDS

CHICK SCRATCH FEED

Prof. Brewster, who was so many years at O. A. C., and one of the best known poultry experts on the coast, supervises the preparation of all their poultry feeds and will not allow any feed to go out until he knows it is right. This Chick Scratch is made to produce fine, healthy chicks and it does it.

BABY CHICK MASH

With Milk. For those who do not have plenty of milk, this is the mash you should feed. Its made right.

MILK GRAIN CHICK MASH

This is made for those that do not have plenty of milk or no milk at all. It is a wonderful Chich Mash and certainly gives wonderful results.

PLAIN CHICK MASH

This is prepared for those that have plenty of milk to feed the chicks and is slightly cheaper on that account.

DEVELOPING MASH

You can buy it with milk in or without, depending upon whether you have plenty of milk to feed the chicks or not. Its a very high grade article.

DEVELOPING SCRATCH FEED

A dandy mixture of the various grains, properly prepared for growing chicks. Should be fed, of course, with the Developing Mash.

EGG PRODUCER

This is the special pride of Prof. Brewster and he takes great pleasure in being sure that it is always right and will produce the maximum results. You surely will be well pleased if you feed your flock this great egg mash.

DAIRY RATION

Mr. Hodgen is one of the most successful feeders and makers of Dairy Feeds in the U. S. More cows have made worlds records from his feeds and fed under his direction in the last few years than any other one man. He must know how to compound dairy feeds or the records could not have been made. You can profit by his knowledge by feeding his feeds. And they cost no more than other feeds.

ALL KINDS OF FEEDS AND HAY

Besides the various feeds mentioned, we carry a complete stock of the various grains, all kinds of mill feeds, ground grains, oil meals, and the various kinds of hay and straw.

You will always find our prices as low as first class feeds can be sold for.

We also, handle many special feeds, including Dried Beet Pulp, Feed Molasses, Sterilized Bone Flour for stock, etc.

POULTRY TIN WARE

We handle the Hoeft line which is the most complete line on the market of Drinking Fountains, Feed Troughs, Self Feeders, Grit Boxes, Dry Mash Hoppers, etc. Send for the special catalogue.

CHERRO POULTRY FEEDS

This well known line of Cherro Poultry Feeds is manufactured in Salem and gives excellent results.

CHERRO EGG BUILDER

A properly blended mixture built to produce eggs. It is used by many poultrymen of this vicinity and all Western Oregon.

CHERRO CHICK FEED

This is well mixed chick feed and properly milled out of high grade grains, containing a heavy per centage of Chick Oat Grotes.

CHERRO CHICK MASH

With Dried Milk. Is giving excellent results and the chicks surely like it and do well when fed this mash.

CHERRO DEVELOPING MASH

With Dried Milk. This feed follows the Chick Mash and should be fed until you change to a good egg mash.

CHERRO GROWING SCRATCH

This follows the Chick feed and should be fed until chicks are large enough to start on the regular grain feed.

DAIRY FEEDS

CHERRO COW CHOW

This high grade dairy feed gives excellent results as it is a proper blending of mill feeds, oilmeals and ground grains to produce a first class milk.

You will find the prices on Cherro Poultry and Dairy Feeds are as low as the market affords on quality feeds.

We will be glad to fill your orders for any of the above feeds as we carry a large stock at all times.

FISHER'S FEEDS

These well known poultry feeds are manufactured in Seattle, by the Fisher Flouring Mills Co., under Judge Coat's direction.

Judge Coats is one of the best known poultrymen in the U. S. and he has direct charge of the poultry feeds.

FISHER'S CHICK MASH

This is one of the best chick mashes made and while it costs more than many others, it is surely worth more from the results it produces. A wonderful mixture.

FISHER'S CHICK FEED

This is the grain feed that you should feed with the chick mash and is the best that can be produced. You certainly will grow those fine healthy chicks if you use the above.

FISHER'S DEVELOPING MASH

When you change from Fisher's Chick Mash you feed this wonderful developing mash containing milk and Cod Liver Oil with the proper mixture of ground meals and grains. It should be fed to your pullets until you want them to lay. From many tests we have known of, pullets fed on this mash, have weighed 25% more than the same age pullets fed on other feed.

FISHER'S GROWING FEED

This is the grain feed that follows Fisher's Chick Feed and is a properly balanced feed to go with Fisher's Developing Mash.

FISHER'S EGG PRODUCER

This is the largest selling egg mash in the Northwest. It is not price that sells it because it is such a high grade mash that it usually sells for more than any other mash as it costs more to make. You cannot sell a poultryman any other mash who has fed this great feed. Thousands of successful poultrymen will verify this statement. Just feed a sack; watch the result and you will be one of the many thousands that will continue to feed it.

We are Fisher's Exclusive Dealer for this territory.

REFERENCE TABLES

Quantity of Seeds to produce a given number of plants or to sow an acre

VEGETABLE SEEDS

	PER ACRE	PER ACRE	
Asparagus—1 oz. to 400 plants.	4 lbs.	Leek—1 oz. to 200 ft. drill.....	3 lbs.
Beans, Dwarf—1 lb. to 125 ft. drill.	40 lbs.	Lettuce—1 oz. to 200 ft. drill.....	3 lbs.
Pole—1 lb. to 150 ft. drill.....	35 lbs.	Melon, Muskmelon—1 oz. to 100 hills	2 lbs.
Pole—1 lb. to 200 ft. hill.....	25 lbs.	Water—1 oz. to 25 ft. hills.....	2 lbs.
Field—1 lb. to 200 ft. drill.....	35 to 45 lbs.	Okra—1 oz. to 100 ft. drill.....	5 lbs.
Lima—1 lb. to 75 hills.....	35 lbs.	Onion Seed—1 oz. to 150 ft. drill.....	3 lbs.
Beet, Table—1 oz. to 60 ft. drill.....	6 lbs.	For sets—.....	50 lbs.
Mangel—1 oz. to 75 ft. drill.....	5 lbs.	Onion Sets—1 lb. to 35 ft. drill.....	200 lbs.
Broccoli—1 oz. to 3,000 plants.....	3 ozs.	Parsnips—1 oz. to 200 ft. drill.....	3 lbs.
Brussels Sprouts—1 oz. to 3,000 plants.....	3 ozs.	Parsley—1 oz. to 350 ft. drill.....	2 lbs.
Cabbage—1 oz. to 3,000 plants.	4 ozs.	Peas, Dwarf—1 lb. to 125 ft. drill.....	75 lbs.
Carrot—1 oz. to 150 ft. drill.....	2½ lbs.	Tall—1 lb. to 150 ft. drill.....	60 lbs.
Cauliflower—1 oz. to 4,000 plants.....	3 ozs.	Pepper—1 oz. to 2,000 plants.....	4 ozs.
Celery—1 oz. to 5,000 plants.....	4 ozs.	Potatoes—(15 lbs. to 100-ft. row)	800 to 1000 lbs.
Chicory—1 oz. to 100 ft. drill.....	4 lbs.	Pumpkin—1 oz. to 25 hills.....	3 to 4 lbs.
Corn, Sweet—1 lb. to 150 ft. drill.....	15 lbs.	Radish—1 oz. to 100 ft. drill.....	10 lbs.
Sweet—1 lb. to 160 hills.....	12 lbs.	Rutabaga—1 oz. to 250 ft. drill.....	1 to 2 lbs.
Corn Salad—1 oz. to 50 ft. drill.....	5 lbs.	Salsify—1 oz. to 100 ft. drill.....	8 lbs.
Cucumber—1 oz. to 100 hills.....	2 lbs.	Spinach—1 oz. to 100 ft. drill.....	3 lbs.
Endive—1 oz. to 300 ft. drill.....	2 lbs.	Squash, Summer—1 oz. to 30 hills	8 lbs.
Horseradish Roots	10 to 15 M.	Winter—1 oz. to 25 hills.....	3 lbs.
Kale, Table—1 oz. to 3,000 plants	1 lbs.	Tomatoes—1 oz. to 3,000 plants.....	2 to 3 ozs.
Stock—1 oz. to 300 ft. drill.....	1 to 2 lbs.	Tobacco—1 oz. to 4,000 plants.....	1 lbs.
Kohl Rabi—1 oz. to 300 ft. drill.....	2 lbs.	Turnips—1 oz. to 250 ft. drill.....	1 to 2 lbs.

FIELD, FARM, GRASS AND CLOVER SEEDS

	QUANTITY PER ACRE	QUANTITY PER ACRE	
Alfalfa—	12 to 15 lbs.	Rye Grass—for Lawn.....	100 lbs.
Artichokes—	400 to 600 lbs.	Sudan—drills.....	3 to 5 lbs.
Barley—(drills 75 lbs.)	Broadcast 100 lbs.	Sudan—broadcast.....	16 to 20 lbs.
Buckwheat—(drills 35 lbs.)	Broadcast 50 lbs.	Kaffir Corn—drills.....	6 to 10 lbs.
Cheat—	75 to 100 lbs.	Millet—.....	20 to 30 lbs.
Clover—Alsyke and White	6 to 8 lbs.	Oats—for Seed.....	75 to 100 lbs.
White for Lawn—	1 lb. to 20 ft. square.	For Hay—	100 lbs.
Crimson—	15 to 20 lbs.	Potatoes—(60 lbs. per bushel)	15 to 18 bu.

Red—	10 to 12 lbs.	Peas, Field—	100 lbs., or 80 lbs., with 35 lbs. Oats
Sweet—	15 to 20 lbs.	Rape—(drills 3 lbs.)	Broadcast 5 lbs.
Corn, Field—Hills—	10 to 12 lbs.	Rye—for Grain	60 to 75 lbs.
For Fodder, drills	50 lbs.	For turning under—	100 lbs.
Flax—	35 to 45 lbs.	Seltz or Emmer—	80 lbs.
Grass, Kentucky Blue—Pasture	20 to 30 lbs.	Sugar Cane—	10 lbs.
Kentucky Blue—for Lawns	1 lb. to 15 ft. square	Sunflower—	5 to 12 lbs.
Mixed Lawn—	1 lb. to 15 ft. square	Timothy—	5 to 7 lbs.
Red Top—Hulled, Solid Seed	8 to 10 lbs.	Vetches—	10 to 12 lbs.
Orchard—	30 lbs.	Vetch—Hairy or Sand	80 lbs., or 60 lbs. with 40 lbs. Oats
Brome Grass—	25 to 30 lbs.	Wheat—	30 lbs.
Rye Grass—for pasture	20 to 30 lbs.		90 to 120 lbs.

SUITABLE DISTANCE FOR PLANTING TREES AND PLANTS

NOTE—Depending on method of cultivation. In planting in the home garden for hand cultivation you can set plants or trees closer.

Apples—Standard	25 to 35 feet	Gooseberries—	4 by 6 feet
Dwarf	10 to 12 feet	Raspberries—	3 by 6 feet
Pears—Standard	20 to 25 feet	Strawberries, in hills—	2 by 3 feet
Dwarf	10 feet	Strawberries, Matted rows	2½ by 4 feet
Peaches and Apricots—	18 to 22 feet	Asparagus, in beds—	1 by 1½ feet
Cherries—Sweet	30 to 35 feet	Asparagus, in Field—	1 by 4 feet
Sour—	18 to 22 feet	Rhubarb—	3 by 6 feet
Plums and Prunes—	20 to 25 feet	Logans and Cory Blackberries—	Rows, 6 to 9 ft. apart
Quinces—	15 to 18 feet	Plants in the row	6 to 10 ft. apart
Wainuts—	40 to 50 feet	Grapes—Rows	6 to 9 ft. apart
Currents—	3 by 6 feet	Plants in the row	6 to 10 ft. apart

NUMBER OF TREES OR PLANTS ON AN ACRE

1	by 2 feet.	21,780	3 by 5 feet	2,904	12 by 12 feet	...	302
1	by 3 feet.	14,720	3 by 6 feet	2,420	15 by 15 feet	...	193
1	by 4 feet.	10,890	4 by 4 feet	2,722	16 by 16 feet	...	170
1½	by 2 feet.	14,520	4 by 6 feet	1,815	18 by 18 feet	...	135
1½	by 3 feet.	9,680	6 by 6 feet	1,210	20 by 20 feet	...	109
2	by 3 feet.	7,260	6 by 8 feet	907	25 by 25 feet	...	70
2	by 4 feet.	5,445	8 by 8 feet	680	30 by 30 feet	...	48
3	by 4 feet.	3,630	10 by 10 feet	430	40 by 40 feet	...	27

RULE—Multiply the distance between the rows by the distance the plants are apart in the rows, and the product will be the number of square feet, for each plant or hill, which, divided into the number of square feet in an acre (43,560), will give the number of plants to the acre.

PLANT
WESTERN
SEEDS
FOR BEST
RESULTS

